

## NARAYANA ENGINEERING COLLEG GUDUR

### BEST PRACTICES

#### Best Practice- I

1. Title of the Practice: Students' Academic Excellence in teaching learning process

2. Objective:

Departments in the college are actively involved in improving the overall results and academic excellence of students. Apart from regular classes remedial classes/coaching for slow learners and various other academic related programmes for advanced learners, are being conducted for achieving academic excellence.

3. The Context:

As our college is located in rural area and due to socio-economic disparity, students of the college come from various backgrounds and with different abilities of learning. To improve the performance of the weak students, extra classes are conducted where ever necessary. Though some of the students have good knowledge and good understanding levels they are not in a position to avail the opportunities of learning latest technologies due to lack of exposure to career opportunities and training.

4. The Practice:

To improve the performance of students the following programmes were initiated:

#### Slow learners:

- Apart from regular classes Remedial classes are arranged for slow learners for improving their performance.
- Remedial Coaching is also given to those underperformed in end semester exams of the university. Remedial coaching is conducted during extra hours to clear the backlogs.
- Tutorial classes are conducted in every subject to understand the subject better. Based on the student's requirements topics are taught in tutorials.
- Teachers take extra classes to revise the difficult concepts for better understanding.
- The parents of slow learners are given information about their wards performance periodically.

- Peer learning and group interaction is encouraged involving meritorious students.
- Question bank with key is provided CDF Program (Concepts, Definitions and Formulae) is conducted for Engineering Mathematics, Physics and Chemistry.
- Self learning sessions are arranged.

#### Advanced Learners:

- Soft skills training Programme, coding skills development, entrepreneurship awareness programmes are organized are arranged for advanced learners.
- Special placement training to excel in placements is given by reputed organizations.
- Gate coaching is given by Eminent and well known faculty from reputed institutes on Saturdays and Sundays. Students who underwent these courses have performed better in competitive exams.
- Certificate Courses are also conducted for advanced learners.
- Extra books are provided in the library.
- Additional Assignments.
- They are encouraged to refer NPTEL videos, e-books etc
- Encouraged advanced learners to participate in workshops, conferences and symposia.

#### **5. Evidence of Success:**

- Increase in the pass percentage clearly indicates the success of remedial coaching and remedial classes.
- Because of remedial coaching the success rate in the university supplementary examination has improved. Because of the remedial classes the overall pass percentage in the university end exams has increased.
- The guidance given to the advanced learners has helped them to excel in their participation in various activities like conferences and symposia.
- The number of students pursuing higher studies in institutions and universities of academic excellence is good.
- The training programmes for students have given them new academic and communication skills equipping them to face campus interviews and in 300 students getting jobs through campus interviews.

Overall these support programmes have helped in improving the quality of teaching learning process.



## **6. Problems Encountered and Resources Required:**

Due to the hectic schedules given by the university we are encountering challenges to find time slots for conducting remedial classes. In spite of this difficulty we are somehow able to conduct the remedial classes.

Some of the students are finding it difficult to attend remedial coaching before supplementary exams

## **7. Notes**

Special coaching for slow and advanced learners is designed to meet the needs of students with less understanding ability to help them make progress in studies.

### **Best Practice -II**

#### **1. Title of the Practice: Community Reach through NSS**

#### **2. Objective**

The main objective of this initiative by the staff and students of the college is to reach out to the necessities of the society at large and to give back to the community. Creating awareness in the public on several issues they face in their day to day life, helping economically backward people, orphans and old age persons etc. are some of the initiatives taken up to contribute to the society.

#### **3. The Context:**

There is a growing tendency in present academia to reach out to the society at large and contribute to the wellbeing and betterment of living conditions prevailing in society.

Some of the Students and staff of the college are voluntarily coming forward to contribute to remove disparity in different areas. The most important arenas in which contribution is made are giving financially aid, bringing awareness on several issues etc. NSS unit of Narayana Engineering College Gudur is thus a collective initiative of students and staff of the college to understand social problems troubling immediate local community in and around Gudur to integrate these issues with academic study.

#### **4. The Practice:**

To inculcate qualities of charity, brotherhood and kindness to fellow human beings, college initiated various programmes meant specifically for the uplifting of community in Nellore district.

Blood donation programmes organized by the students and staff for Blood Bank, Medical Association, Nellore is an exemplary social service practice. Awareness programmes on

We are able to achieve one of the objectives of our vision statement, by developing our students' technically sound, through imparting training in various technical aspects, inviting and involving experts from reputed institutions and Industries.



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